

Matthew J. Strickler
Secretary of Natural Resources

Clyde E. Cristman
Director



Rochelle Altholz
Deputy Director of
Administration and Finance

Russell W. Baxter
Deputy Director of
Dam Safety & Floodplain
Management and Soil & Water
Conservation

Thomas L. Smith
Deputy Director of Operations

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

Friday, April 24, 2020

Re: Regular Operations and Maintenance Certificate

Dear Roanoke County:

Attached is the Regular Operation and Maintenance (O & M) Certificate, valid for six years, approved by the Virginia Soil and Water Conservation Board. For general responsibilities regarding inspections, reporting requirements, maintenance, dam break inundation zone maps, and emergency action plans and exercises, please check the latest Dam Safety Act, Impounding Structure Regulations, and Guidance Documents available at <http://www.dcr.virginia.gov/dam-safety-and-floodplains/>.

We also want you and your engineer to be aware that on March 23, 2016, the Board's new Probable Maximum Precipitation (PMP) Study for Virginia dated November 2015 (and the associated PMP Evaluation Tool and Database) became effective. The 2015 Virginia PMP values replaced the several decades old PMP values that were previously required for use in the design of impounding structures in Virginia. Information regarding the status of the new PMP values adopted by the Board at their December 2015 meeting and a link to download the new PMP Tool, Database, and Implementation Guidance may be found at the two PMP links provided on the dam safety web page provided above. An estimated 95% of the PMP values across the Commonwealth have been reduced and may potentially result in a change to your impoundment's spillway design flood. It is also possible that upon performing updates to your dam break inundation zone maps that it may be found that the hazard classification of your structure may also change and the properties identified as impacted under your Emergency Action Plan or Emergency Preparedness Plan, as applicable, may be altered. It is important that you as an owner and your engineer review these new Dam Safety Program PMP values to see how they might affect the design and hazard classification of your impounding structure.

If you have any questions regarding your Certificate or the new PMP values, please contact your Regional Dam Safety Engineer or me at Russ.Baxter@dcr.virginia.gov.

Sincerely,

A handwritten signature of Russell W. Baxter.

Russell W. Baxter, Deputy Director of
Dam Safety and Floodplain Management &
Soil and Water Conservation

Enclosure: Regular O & M Certificate

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DAM SAFETY AND FLOODPLAIN MANAGEMENT

**Dam Safety Regular Operation and Maintenance Certificate
High Hazard Dam, Inventory Number 161005 (Legacy No. 16105)**

Roanoke County, owner(s) of Woods End Dam in Roanoke County, is(are) entitled to operate and maintain this dam pursuant to the provisions of the Dam Safety Act (Section 10.1-604 et seq., Code of Virginia) and Virginia Soil and Water Conservation Board Regulations (Regulations) promulgated thereunder.

This certificate is for a term of five years. It becomes effective Thursday, August 1, 2019 and expires Thursday, July 31, 2025. In accordance with §4VAC50-20-105B of the Regulations, the owner shall apply for a new certificate 90 days prior to its expiration.

A handwritten signature in black ink, appearing to read "Russell W. Baxter".

Russell W. Baxter, Deputy Director of
Dam Safety and Floodplain Management &
Soil and Water Conservation

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*State Parks • Soil and Water Conservation • Outdoor Recreation Planning
Natural Heritage • Dam Safety and Floodplain Management • Land Conservation*